

**IN THE CLAIMS:**

1.-44. (Cancelled without prejudice or disclaimer of any scope or subject matter)

45. (New) A remote keyless entry system, comprising:

a terminal board including:

an operation button for instructing an operation content to be executed by an operation apparatus; and

a communication circuit capable of transmitting instruction data of said terminal board at a plurality of data rates; and

said operation apparatus including:

a communication circuit for receiving data transmitted from said communication circuit of said terminal board; and

a control circuit for transmitting the instruction content received by said communication circuit of said operation apparatus to a to-be-controlled equipment into which said operation apparatus is assembled,

wherein said communication circuit of said terminal board or of said operation apparatus generates communication data in a high data rate at first, and when said terminal board does not receive an OK response from said control apparatus in response to said communication data, the data from said terminal board is gradually changed to a lower data rate until valid communication is established.

46. (New) A remote keyless entry system according to Claim 45, wherein said communication circuit of said operation apparatus transmits to said terminal

board a data having a lower data rate than the data rate of the data transmitted from said communication circuit of said terminal board.

47. (New) A remote keyless entry system according to Claim 45, wherein said communication circuit generates and serially lowers the data rate of communication data.

48. (New) A remote keyless entry system according to Claim 47, wherein said terminal board further comprises:

a control circuit for finishing the communication operation at the point when communication is established while the communication is made by serially lowering the data rate by high-speed data transfer.

49. (New) A remote keyless entry system according to Claim 45, wherein said terminal board executes a 1-way communication operation when 2-way communication is not established even at a low data rate when said 2-way communication is executed when the data rate is gradually changed to a lower data rate.

50. (New) A remote keyless entry system according to Claim 49, wherein said terminal board comprises:

a report circuit for reporting to an operator that an operation is made by 1-way communication when said 1-way communication is executed.

51. (New) A remote keyless entry system according to Claim 45, wherein said terminal board further comprises:

a display for displaying indicators indicating the present communication data rate.

52. (New) A terminal board for use in a remote keyless entry system comprising said terminal board and an operation apparatus for executing the content instructed from said terminal board, said terminal board comprising:

an operation button which instructs an operation content to be executed by said operation apparatus; and

a communication circuit capable of transmitting instruction data of said terminal board at a plurality of data rates,

wherein when said communication circuit generates communication data in a high data rate at first, and when said terminal board does not receive an OK response from said control apparatus in response to said communication data, the data from said terminal board is gradually changed to a lower data rate until valid communication is established, and if 2-way communication is not established even at the lower data rate a 1-way communication operation is executed.

53. (New) A terminal board according to Claim 52, wherein said communication circuit generates and serially lowers the data rate of communication data.

54. (New) A terminal board according to Claim 53, further comprising:  
a control circuit for finishing a communication operation at the point when said communication is established while said communication is effected by serially lowering the data rate by high-speed data transfer.

55. (New) A terminal board according to Claim 53, wherein a 1-way communication operation is executed if 2-way communication is not established even at a low data rate when said 2-way communication is executed by serially lowering the data rate.

56. (New) A remote keyless entry system, comprising:  
a terminal board including:  
an operation button which instructs an operation content to be executed by an operation apparatus;  
a communication circuit capable of transmitting instruction data of said terminal board at a plurality of data rates; and  
a control circuit for controlling said communication circuit in such a manner as to execute an automatic output operation for producing either intermittently or continuously an output for a predetermined time after said operation button is activated for a predetermined time; and  
said operation apparatus including:  
a communication circuit for receiving data transmitted from said communication circuit of said terminal board; and

a control circuit for transferring the instruction content received by said communication circuit of said operation apparatus to a controlled equipment into which said operation apparatus is assembled,

wherein said control circuit of said terminal board stops the automatic output operation in response to an operation end signal from said operation apparatus when a 2-way communication is established, and when said terminal board does not receive an OK response from said control apparatus in response to said communication data, the data from said terminal board is gradually changed to a lower data rate until valid communication is established.

57. (New) A remote keyless entry system, comprising:

a remote unit including:

an operation button which instructs an operation to be executed by an operation apparatus; and

a communication circuit capable of transmitting instruction data of said terminal board at a plurality of data rates; and

said operation apparatus including:

a communication circuit for receiving data transmitted from said communication circuit of said terminal board; and

a control circuit for transmitting the instruction content received by said communication circuit of said operation apparatus to a to-be-controlled equipment into which said operation apparatus is assembled,

wherein said communication circuit of said terminal board or said operation apparatus transmits communication data initially at a predetermined high data rate to

attempt to establish valid communication, and when said terminal board does not receive an OK response from said control apparatus in response to said communication data, the data from said terminal board is gradually changed to a lower data rate until valid communication is established.

58. (New) A remote keyless entry system according to Claim 57, wherein said communication circuit of said terminal board or of said operation apparatus can transmit communication data at at least three differing data rates to attempt to establish valid communication.

59. (New) A remote keyless entry system for operating an operation apparatus by remote operation of a terminal apparatus, said terminal apparatus comprising:

- a 2-way communication unit capable of carrying out 2-way communication at at least one data rate;

- a 1-way communication unit capable of carrying out 1-way communication at a certain data rate lower than a lowest data rate in said 2-way communication unit;
- and

- a control unit for controlling said 2-way communication unit and said 1-way communication unit to transmit either one of signals from said 2-way communication unit and said 1-way communication unit, and said operation apparatus comprising a communication device for receiving the signal transmitted from said terminal apparatus and transmitting a response signal to said terminal apparatus when the received signal is 2-way communication signal.

60. (New) A remote keyless entry system according to Claim 59, wherein said 2-way communication unit is capable of carrying out the 2-way communication at one of a plurality of different data rates, said control unit controls said 2-way communication unit to choose one of said plurality of different data rates, and when a valid 2-way communication is not established at a lowest data rate in said plurality of different data rates, said 1-way communication unit is controlled to transmit the data from said terminal board by 1-way communication at a lower data rate than said lowest data rate in the 2-way communication.

61. (New) A remote keyless entry system according to Claim 59, wherein said control unit previously chooses either one of the 1-way communication and the 2-way communication using a data rate higher than a data rate in said 1-way communication.

62. (New) A remote keyless entry system according to Claim 59, wherein said terminal apparatus includes a report unit for indicating the 1-way communication operation when the 1-way communication is carried out.

63. (New) A remote keyless entry system according to Claim 60, wherein said control unit controls said 2-way communication unit to gradually change the data rate from the highest data rate to the lowest data rate.

64. (New) A remote keyless entry system according to Claim 59, wherein said terminal apparatus includes a report unit for indicating either one of said 1-way communication and said 2-way communication.

65. (New) A remote keyless entry system according to Claim 64, wherein said report unit is a lighting device.

66. (New) A remote keyless entry system according to Claim 64, wherein said report unit is a display device.

67. (New) A remote keyless entry system according to Claim 66, wherein said display device is an indicator.

68. (New) A remote keyless entry system according to Claim 59, wherein said terminal apparatus includes an instruction storage unit for storing operation process of either one of the 1-way communication and the 2-way communication.

69. (New) A remote keyless entry system according to Claim 68, wherein said terminal apparatus includes an instruction confirmation operation unit for reading out for displaying stored contents in said instruction storage unit.